

OMB No. 0651-0011

Page 1 of 7

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 225.00010124	Serial No.: 10/695,436
	Applicant(s): Schmidt et al.	Confirmation No.: 4462
	Application Filing Date: 28 October 2003	Group: 3743
	Information Disclosure Statement mailed: <u>7</u> April 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/TM/		2,414,747	01/21/47	Kirschbaum			
		2,912,979	11/17/59	Lieber			
		3,400,712	09/10/68	Finan			
		3,400,713	09/10/68	Finan			
		3,493,703	02/03/70	Finan			
		3,734,091	05/22/73	Taplin			
		3,834,383	09/10/74	Weigl et al.			
		4,054,133	10/18/77	Myers			
		4,278,110	07/14/81	Price et al.			
		4,326,513	04/27/82	Schulz et al.			
		4,336,590	6/22/82	Jacq et al.			
		4,381,002	04/26/83	Mon			
		4,457,303	07/03/84	Durkan			
		4,461,293	07/24/84	Chen			
		4,462,398	07/31/84	Durkan et al.			
		4,484,578	11/27/84	Durkan			
		4,506,666	03/26/85	Durkan			
		4,519,387	05/28/85	Durkan et al.			
		4,567,888	02/04/86	Robert et al.			
		4,575,042	03/11/86	Grimland et al.			
		4,584,996	04/29/86	Blum			
✓		4,612,928	09/23/86	Ticp et al.			
/TM/		4,648,395	03/10/87	Sato et al.			

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OMB No. 0651-0011

Page 2 of 7

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/TM/		4,665,911	05/19/87	Williams et al.			
		4,681,099	07/21/87	Sato et al.			
		4,686,974	08/18/87	Sato et al.			
		4,686,975	08/18/87	Naimon et al.			
		4,705,034	11/10/87	Perkins			
		4,706,664	11/17/87	Snook et al.			
		4,744,356	05/17/88	Greenwood			
		4,745,925	05/24/88	Dietz			
		4,784,130	11/15/88	Kenyon et al.			
		4,823,788	04/25/89	Smith et al.			
		4,827,922	05/09/89	Champaign et al.			
		4,873,971	10/17/89	Perkins			
		4,889,116	12/26/89	Taube			
		4,932,402	06/12/90	Snook et al.			
		4,971,049	11/20/90	Rotariu et al.			
		4,972,842	11/27/90	Korten et al.			
		5,005,570	04/09/91	Perkins			
		5,024,219	06/18/91	Dietz			
		5,038,770	08/13/91	Perkins			
		5,038,771	08/13/91	Dietz			
		5,048,515	09/17/91	Sanso			
		5,052,400	10/01/91	Dietz			
V		5,074,299	12/24/91	Dietz			
/TM/		5,099,837	03/31/92	Russel, Sr. et al.			

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Page 3 of 7

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/TM/		5,103,814	04/14/92	Maher			
		5,137,017	08/11/92	Salter			
		5,165,397	11/24/92	Arp			
		5,251,632	10/12/93	Delpy			
		5,280,780	01/25/94	Abel			
		5,282,464	02/01/94	Brain			
		5,315,990	05/31/94	Mondry			
		5,323,776	06/28/94	Blakeley et al.			
		5,360,000	11/01/94	Carter			
		5,365,922	11/22/94	Raemer			
		5,388,575	02/14/95	Taube			
		5,398,676	03/21/95	Press et al.			
		5,398,682	03/21/95	Lynn			
		5,429,123	07/04/95	Shaffer et al.			
		5,443,062	08/22/95	Hayes			
		5,490,502	02/13/96	Rapoport et al.			
		5,495,848	03/05/1996	Aylsworth et al.			
		5,546,933	08/20/96	Rapoport et al.			
		5,558,086	09/26/96	Smith et al.			
		5,582,164	12/10/96	Sanders			
		5,603,315	02/18/97	Sasso, Jr.			
		5,626,131	05/06/97	Chua et al.			
V		5,664,562	09/09/97	Bourdon			
/TM/		5,692,497	12/02/97	Schnitzer et al.			

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OMB No. 0651-0011

Page 4 of 7

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Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/TM/		5,697,364	12/16/97	Chua et al.			
		5,735,268	04/07/98	Chua et al.			
		5,752,509	05/19/98	Lachmann et al.			
		5,803,066	09/08/98	Rapaport et al.			
		5,810,759	09/22/98	Merz			
		5,813,399	09/29/98	Isaza et al.			
		5,848,591	12/15/98	Weismann			
		5,865,174	02/02/99	Kloepfel			
		5,915,381	06/29/99	Nord			
		5,925,831	07/20/99	Storsved			
		5,927,274	07/27/99	Servidio et al.			
		5,931,162	08/03/99	Christian			
		5,934,277	08/10/99	Mortz			
		5,937,853	08/17/99	Ström			
		5,954,050	09/21/99	Christopher			
		6,099,481	08/08/00	Daniels et al.			
		6,142,149	11/07/00	Steen			
		6,152,134	11/28/00	Webber et al.			
		6,186,142	02/13/01	Schmidt et al.			
		6,192,883	02/27/01	Miller, Jr.			
		6,220,244	04/24/01	McLaughlin			
		6,371,114	04/16/02	Schmidt et al.			
V		6,470,885	10/29/02	Blue et al.			
/TM/		6,532,958	03/13/03	Buan et al.			

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/TM/		6,561,187	03/13/03	Schmidt et al.			
/TM/		20020185126 A1	12/12/02	Krebs			
/TM/		20030145852A1	08/07/03	Schmidt et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
/TM/		EP 0 099 283 A1	06/13/83	Europe				
/TM/		EP 0 606 687 A2	12/27/93	Europe				
/TM/		EP 0 753 320 A1	01/15/97	Europe				
/TM/		DE 4309923 A1	09/29/94	Germany				
/TM/		WO 98/31282 A1 (related to US20020185126 A1)	07/23/98	PCT				X
/TM/		WO 99/04841	02/04/99	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
/TM/		Auerbach, D. et al., "An New Oxygen Canola System Using Intermittent-Demand Nasal Flow", <i>Chest</i> , 74, pp. 39-43 (1978).
/TM/		Azhar, N., et al., "Automatic Feedback Control of Oxygen Therapy Using Pulse Oximetry", <i>Annual International Conference of the IEEE Engineering in Medicine and biology Society</i> , 13 pp. 1614-1615 (1991).
/TM/		Beddis, et al., "New Technique for Servo-Control of Arterial Oxygen Tension in Preterm Infants", <i>Archives of Disease in Childhood</i> , 54, pp. 278-280 (1979).
/TM/		Bhutani, V.K. et al., "Adaptive Control of Inspired Oxygen Delivery to the Neonate", <i>Pediatric Pulmonology</i> , 14, pp. 110-117 (1992).
/TM/		Braun, S.R., et al., "Comparison of Six Oxygen Delivery Systems for COPD Patients at Rest and During Exercise", <i>Chest</i> , 102, pp. 694-698 (1992).

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/TM/		Celli, B., et al., "Standards for the Diagnosis and Care of Patients with Chronic Obstructive Pulmonary Disease", <i>America J. Respir and Crit Care Medicine</i> , 152, pp. 77-120 (1995).
/TM/		Collins, P., et al., "Apparatus for the Servocontrol of Arterial Oxygen Tension in Preterm Infants", <i>Med., & Biol. Eng. & Comput.</i> , 17, pp. 449-453 (1979).
/TM/		"Continuous of Nocturnal Oxygen Therapy in Hypoxemic Chronic Obstructive Lung Disease", <i>Annals of Internal Medicine</i> , 93, pp. 391-398 (1980).
/TM/		Cotes, J.E., "Continuous Versus Intermittent Administration of Oxygen During Exercise to Patients with Chronic Lung Disease", <i>The Lancet</i> , pp. 1075-1077 (1963).
/TM/		Decker, M.J. et al., "Extended Monitoring of Oxygen Saturation in Chronic Lung Disease", <i>Chest</i> , 102, pp. 1075-1079 (1992).
/TM/		Make, B., "Oxygen Therapy", Jewish Center for Immunology And Respiratory Medicine, <i>Medical/Scientific Update</i> , 11, (1993).
/TM/		Mecikalski, M., et al. "A Demand Valve Conserves Oxygen in Subjects with Chronic Obstructive Pulmonary Disease," <i>Chest</i> , 86, pp. 667-670 (1984).
/TM/		Morozoff, P.E., et al. "Automatic Control of Blood Oxygen Saturation in Premature Infants", <i>Second IEEE Conference on Control Applications</i> , pp. 415-419 (1993).
/TM/		Morozoff, P.E. et al., "Closed-loop Control of SaO ₂ in the Neonate", <i>Biomedical Instrumentation and Technology</i> , 26, pp. 117-123 (1992)."
/TM/		Moyle, J.T.B., "Pulse Oximetry" (BMJ Publishing Group, London), pp. vii, ix, 1-134 (1994).
/TM/		Racmer et al., D.B. "F _I Controller: An Instrument to Automatically Adjust Inspired Oxygen Fraction Using Feedback Control From a Pulse Oximeter", <i>Journal of Clinical Monitoring</i> , 13, pp. 91-101 (1997).
/TM/		Ritchie, G., et al. "Closed-Loop Control of Oxygen Delivery During Aeromedical Evacuation of Patient", <i>Proceeding of the IEEE Southeast Conference</i> , pp. 763-767 (1992).

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Page 7 of 7

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Examiner Initial	Copy Enclosed	Document Description
/TM/		Sano, A. et al., "Adaptive Control of Arterial Oxygen Pressure of Newborn Infants Under Incubator Oxygen Treatments, <i>IEEE Proceedings</i> , 132, pp. 205-211 (1985).
/TM/		Sliwinski, P. et al., "The adequacy of oxygenation of oxygenation in COPD patients undergoing long-term oxygen therapy assessed by pulse oximetry at home", <i>European Respiratory Journal</i> , 7, pp. 274-278 (1994).
/TM/		Smith, R., "Carrying On: Portable Oxygen stands out as a value-added service to referral sources", <i>Home Health Care Dealer/Supplier</i> , pp. 43-44, 46 (1997).
/TM/		Tehrani et al. "An Automatic Control System for Oxygen Therapy of Newborn Infants", <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 13, pp. 2180-2182 (1991).
/TM/		Tehrani et al. "A Feedback Controller for Supplemental Oxygen Treatment of Newborn Infants: A Simulation Study", <i>Med. Eng. Phys.</i> , 16, pp. 329-333 (1994).
/TM/		Tiep, B.L. et al., "Low-concentration Oxygen Therapy Via a Demand Oxygen Delivery System", <i>Chest</i> , 87, pp. 636-638 (1985).
/TM/		Tiep, B.L. et al., "Future Direction for Long-Term Oxygen Therapy", <i>Lung Biology in Health and Disease</i> , pp. 347-362.
/TM/		Weill, D. et al., "Oxygen-Conserving Devices" <i>Lund Biology in Health and Disease</i> , 81, pp. 235-256 (1995).
/TM/		Weitzner, S.W. et al., "The Rate of Arterial Oxygen Desaturation During Apnea in Humans", <i>Anesthesiology</i> , 20, pp. 624-627 (1959).
/TM/		Yu, C., et al. "Improvement in Arterial Oxygen Control Using Multiple-Model Adaptive Control Procedures", <i>IEEE Transactions on Biomedical Engineering</i> , BME-34, pp. 567-574 (1987).

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Page 1 of 1

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U.S. PATENT DOCUMENTS

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/TM/	5,497,767	03/12/1996	Olsson et al.			
/TM/	5,538,002	07/23/96	Boussignac et al.			
/TM/	6,041,777	03/28/00	Faithfull et al.			

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							Yes	No
/TM/	X	EP 0504725 A2	09/23/1992	Europe			✓	
/TM/	X	EP 0504725 A3	10/27/1993	Europe			✓	

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